Data sheet

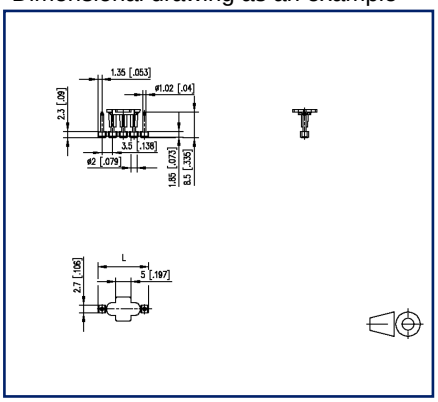
PM013xxVBHC Type 424

P/N
314241xx22
xx=number of poles
2025/08/22
Version: H

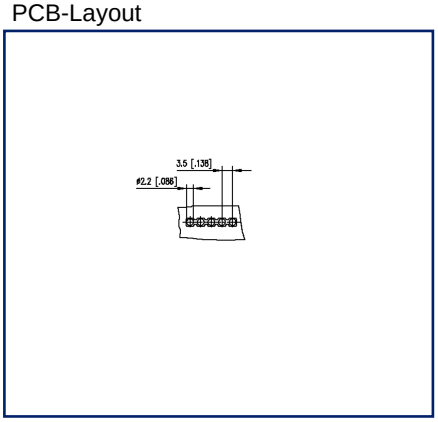
Illustrations



Dimensional drawing as an example



PCB-Layout



See enlarged drawings at the end of document

Product specification

- pin header, SMT solderable
- centerline 3.50 mm, direction of connection vertical 0°
- fittable without loss of poles
- color black
- Tape & Reel packaging

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Weitere Dokumentation siehe / additional documentation see / documentation supplémentaire voir www.metz-connect.com

Data sheet
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Technical Data

General Data			
min. number of poles	2		
max. number of poles	12		
Insulating material class	CTI 400		
clearance/creepage dist.	1.5 mm		
Protection category	IP00		
Rated current	12 A		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Rated voltage	32 V	200 V	200 V
Rated test voltage	2.5 kV	2.5 kV	2.5 kV
Approvals			
c UL us V / A	300 / 15		
approval UL - File No.	E121004		
Material			
insulating material	PA46		
flammability class	V0		
contact pin material	CuZn		
contact pin surface	Ni + Sn		
Glow-Wire Flammability GWFI	-		
Glow-Wire Flammability GWIT	-		
Climatic Data			
upper limit temperature	125 °C		
lower limit temperature	-40 °C		
general			
Tolerance	ISO 2768 -mH		
Solderability	reflowable		

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).

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Counterpart of

P/N	Designation
311661	RP023xxHBWC Type 166
31166102	RP02302HBWC Type 166
31166103	RP02303HBWC Type 166
31166104	RP02304HBWC Type 166
31166105	RP02305HBWC Type 166
31166106	RP02306HBWC Type 166
31166107	RP02307HBWC Type 166
31166108	RP02308HBWC Type 166
31166109	RP02309HBWC Type 166
31166110	RP02310HBWC Type 166
31166111	RP02311HBWC Type 166
31166112	RP02312HBWC Type 166
31166114	RP02314HBWC Type 166
31166115	RP02315HBWC Type 166
31166116	RP02316HBWC Type 166
31166117	RP02317HBWC Type 166
31166118	RP02318HBWC Type 166
31166120	RP02320HBWC Type 166

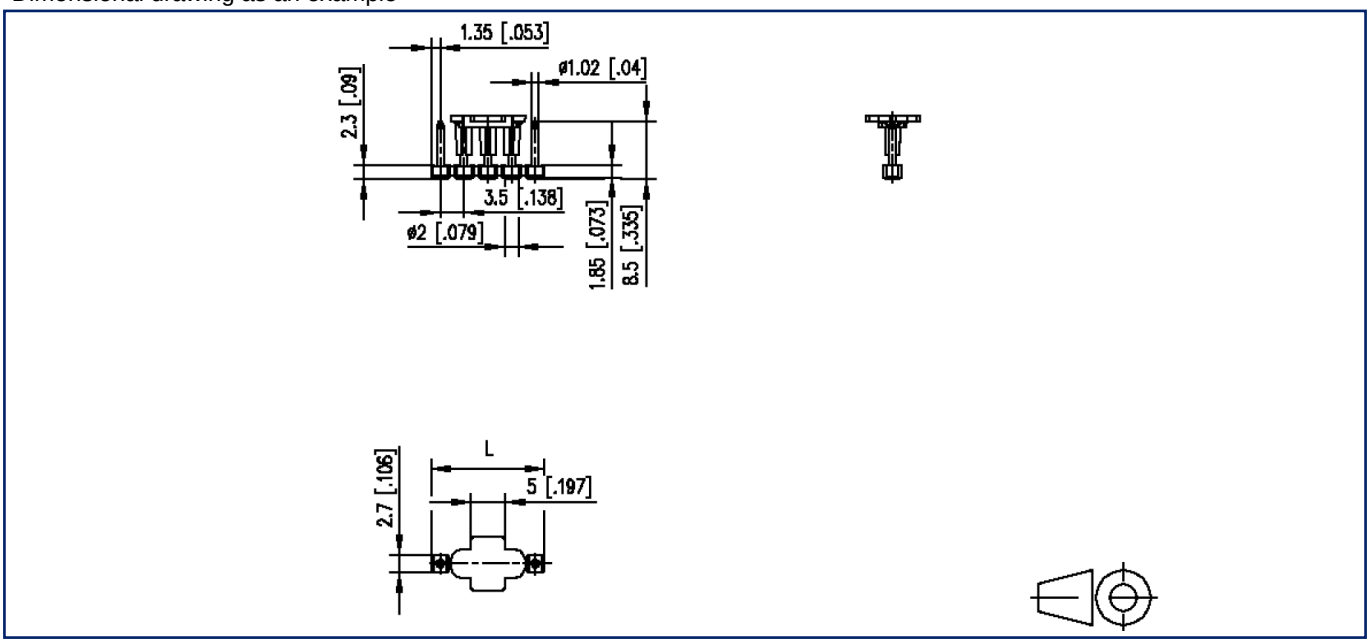
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Illustrations

Dimensional drawing as an example



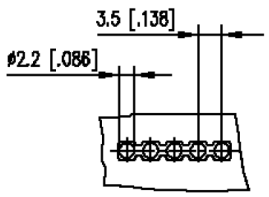
L=(pole size - 1) x centerline + 2.7 mm [0.106]

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